

Electrohydraulic proportional path valve, e.g. of plastics machine**Patent number:** DE4405143**Publication date:** 1995-08-24**Inventor:** KULINNA HARTMUTH DIPL ING (DE); PFUHL BERTHOLD DIPL ING (DE); ZUMBRAEGEL JOACHIM DR ING (DE); FALLER MARKUS DIPL ING (DE)**Applicant:** BOSCH GMBH ROBERT (DE)**Classification:****- International:** F15B13/043; F15B20/00; B29C45/84**- european:** F15B13/043E**Application number:** DE19944405143 19940218**Priority number(s):** DE19944405143 19940218**Also publis** JP72**Abstract of DE4405143**

The electrohydraulic proportional path valve assembly, e.g. of plastics machine, has a switch valve (14) as a 5/3 path valve in an additional control line (42). The switch (56) is sprung to hold it in the centre start position, to be moved by an additional magnet (61) into a switch setting (63) for the additional control line (42). In the first and second setting (62, 63), the section (47, 46) leading to the initial control valve (13) is blocked for the other inactive controlled line, while the section (49, 48) to the control zone (19, 21) of the other inactive control line to the tank connection (44, Y) is relieved. At the initial control valve (13), the outlet control edges (51, 52) form a strongly increased opening cross-section against the inlet control edges (53, 54).

